







INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 020960A	Serial No. 10/602,646	RECEIVED SEP 16 2003
	Applicant(s): USAMI, Takayuki, et al.		
	Filing Date: June 25, 2003	Group Art Unit: 1742	

U.S. PATENT DOCUMENTS

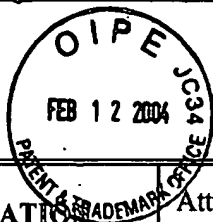
Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA	4,612,167	Watanabe et al.	09/16/1986	420 471	03/01/1985
	AB	4,656,003	Miyafuji et al.	04/07/1987	420 473	10/11/1985
	AC	5,846,346	Lee et al.	12/08/1998	148 433	11/26/1996
	AD	4,687,633	Miyafuji et al.	08/18/1987	420 481	01/07/1986
	AE	6,040,067	Sugawara et al.	03/21/2000	428 647	07/09/1997

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
	AF	EP 0 949 343	10/13/1999	Europe	N/A
	AG	EP 0 501 438	09/02/1992	Europe	N/A
	AH	JP 5-1367	01/08/1993	Japan	Yes (Abstract only)
	AI	JP 11-140569	05/25/1999	Japan	Yes (Abstract only)
	AJ				

OTHER DOCUMENTS

	AK		
	AL		
Examiner	S. Ig	Date Considered	10/2/05



INFORMATION
DISCLOSURE
CITATION
PTO-1449

Atty. Docket No. 020960A

Serial No. 10/602,646

Applicant(s): Takayuki USAMI, et al.

Filing Date: June 25, 2003

Group Art Unit: 1742

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA					
	AB					
	AC					
	AD					
	AE					

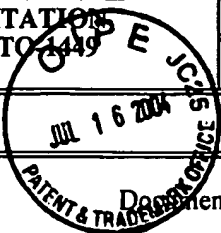
FOREIGN PATENT DOCUMENTS

Document No.		Date	Country	Translation (Yes or No)	
3 ↓ 2	AF	JP 3-188247	08/16/1991	Japan	Yes (Abstract only)
	AG	JP 5-345941	12/27/1993	Japan	Yes (Abstract only)
	AH	JP 5-311278	11/22/1993	Japan	Yes (Abstract only)
	AI	JP 2002-339029	11/27/2002	Japan	Yes (Abstract only)
	AJ	JP 3094045	03/05/2003	Japan	Yes (Abstract only)
	AK	JP 2002-180161	06/26/2002	Japan	Yes (Abstract only)
	AL	JP 2002-38228	02/06/2002	Japan	Yes (Abstract only)
	AM				
	AN				
	AO				
AP					

OTHER DOCUMENTS

	AQ	
Examiner	S. Ig	Date Considered 10/2/05

INFORMATION DISCLOSURE CITATIONS PTO 449	Atty. Docket No. 020960A	Serial No. 10/602,646
	Applicant(s): Takayuki USAMI, et al.	
	Filing Date: June 25, 2003	Group Art Unit: 1742



U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)	
3	AA	4,362,579	Tsuji	12/07/1982	148	11.5	12/24/1980
	AB	4,877,577	Futatsuka, et al	10/31/1989	420	473	10/12/1988
	AC	5,028,391	Ingerson	07/02/1991	420	488	12/26/1989
	AD	5,334,346	Kim, et al	08/02/1994	420	4.85	02/18/1993
	AE	5,463,247	Futatsuka, et al	10/31/1995	257	666	02/15/1994
	AF	5,833,920	Nakanishi et al.	11/10/1998	420	477	02/19/1997
	AG	4,594,221	Caron et al.	06/10/1986	420	485	04/26/1985
	AH	4,728,372	Caron et al.	03/01/1988	148	2	12/30/1985

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation (Yes or No)	
3	AI	JP 11-256256	09/21/1999	Japan	Yes (Abstract only)
	AJ	JP 01-180932	07/18/1989	Japan	Yes (Abstract only)
	AK	JP 06-100983	04/12/1994	Japan	Yes (Abstract only)
	AL	JP 61-127842	06/16/1986	Japan	Yes (Abstract only)
	AM	JP 63-130739	06/02/1988	Japan	Yes (Abstract only)
	AN	JP 59-193233	11/01/1984	Japan	Yes (Abstract only)
	AO	JP 07-54079	02/28/1995	Japan	Yes (Abstract only)
	AP	JP 10-330867	12/15/1998	Japan	Yes (Abstract only)
	AQ	JP 02-170937	07/02/1990	Japan	Yes (Abstract only)
	AR	JP 02-118037	05/02/1990	Japan	Yes (Abstract only)
	AS	JP 07-90520	04/04/1995	Japan	Yes
	AT	JP 11-222641	08/17/1999	Japan	Yes
	AU	JP 05-59468	03/09/1993	Japan	Yes
	AV	JP 11-43731	02/16/1999	Japan	Yes
	AW	JP 06-41660	02/15/1994	Japan	Yes
	AX	TW 448235	08/01/2001	Taiwan	Yes (Abstract only)
	AY	EP 0 440 548	08/07/1991	Europe	N/A



Serial No. 10/602,646

OTHER DOCUMENTS

3	AZ	Taiwanese Office Action dated November 13, 2002, for a corresponding Taiwan application of U.S. Application S.N.10/005,880, w/English translation
	BA	Journal of the Japan Copper and Brass Research Association, 2001, Vol. 40, w/concise explanation thereof
	BB	Furukawa Electric Review, No. 107, January 2001, w/concise explanation thereof
	BC	Synopses of the 38th Symposium of Copper and Brass Technical Research Association, published on September 22, 1998, w/English translation
	BD	Synopses of the 40th Symposium of Copper and Brass Technical Research Association, published on September 20, 2000, w/English translation
	BE	33rd Annual IICIT, 2000 Conference Proceeding of October 23, 2000
	BF	U.S. Application No. 09/966,389 (Publication No. US 2002/0119071)
3	BG	U.S. Application No. 10/005,880 (Publication No. US 2002/0127133)
Examiner S. Jg Date Considered 10/2/05		

Combined Form PTO/SB/08A&B

INFORMATION DISCLOSURE **STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/602,646
Confirmation Number	1048
Filing Date	June 25, 2003
First Named Inventor	Tarayuki USAMI et al.
Art Unit	1742
Examiner Name	IP, SIKYIN
Attorney Docket Number	020960A

Sheet

1

of

1

Attorney Docket Number

020960A

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ¹ (if known)		
EJ	1	US 5,997,810		12-07-1999	Futatsuka et al.
	2	US 5,675,883		10-14-1997	Gaag et al.
	3	US 5,508,001		04-16-1996	Suzuki et al.
	4	US 2003-0165708		09-04-2003	Usami et al.
	5	US 4,425,168		01-10-1984	Goldstein et al.
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

[illegible]

NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature

S. 38

Date Considered

ω/2/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.